

Environment, Health & Safety Division

March 29, 2006

DIR-06-013

To: Aundra Richards, Manager  
DOE-Berkeley Site Office

From: Howard K. Hatayama, Acting Director  
LBNL EH&S Division

H<sup>2</sup>

Re: Status of ISM Peer Review Corrective Action Plan Development – Week of 3/29/06

Enclosed is our weekly report using the Office of Science Watch List Report format that we discussed last week. Please let me know if this suits your needs and any feedback you may have on our progress would be much appreciated.

cc:

S. Chu  
D. McGraw  
R. Foley  
R. Van Ness

Attachment

## SC Project Watch List Report

### LBNL ISM Peer Review Corrective Action Plan Development

**DATE:** March 29, 2006  
**LOCATION OF PROJECT:** Lawrence Berkeley National Laboratory  
**FEDERAL PROJECT DIRECTOR:**

**ISSUES:** The Laboratory conducted a Peer Review of ISM on January 17-20, 2006 because there were a number of leading indicators that execution of ISM is not as effective as it was a few years ago.

**REMEDIATION ACTIONS:** A Corrective Action Plan in response to the review is being developed.

#### 1. STATUS

- ♣ Identify themes for improvement and CAP Development Team meeting completed as scheduled by 3/17/06
- ♣ Summarize and Consolidate Themes from Back-look Review of Incident Reports and Peer Review Report by the CAP Working Group completed as scheduled by 3/24/06
- ♣ Augment Peer Review Report Issues with validated Lab-wide issues from previous steps completed by the CAP working group as scheduled by 3/28/06.
- ♣ The augmented Peer Review Report is being prepared for review by the full CAP Development Team

**Technical:** Corrective Action Plan development proceeding.

**Cost:** Not applicable.

**Schedule:** Development of the CAP on schedule.

**Funding:** Not applicable.

**ES&H:** Not applicable.

**Management:** LBNL prepares a weekly progress report for BSO and meets with BSO on a weekly basis.

#### Federal Project Director's Assessment:

#### 2. Progress on Addressing Issues from the Peer Review Report:

- ♣ In response to issues raised regarding EH&S resources, we are in the process of hiring a new Laser Safety Officer, Electrical Safety Officer, Health Physicist, a training specialist and an information technology specialist. We are also back-filling an Industrial Hygiene vacancy.
- ♣ In response to issues regarding our ES&H assurance system, we are revising the Integrated Functional Appraisals that are scheduled for this fiscal year to allow a more focused and in-depth review. This change supplements changes that were made in our Division Self-Assessment criteria that focus primarily on leading indicators as mentioned in our 3/8/06 report.
- ♣ The ALS is working with Tom Dickinson, former NSLS Safety Officer and member of the ISM Peer Review Committee, to examine the safety related functions at the ALS and provide suggestions on satisfying the recommendations of the Radiation Safety Committee
- ♣ Root cause analysis capability is being enhanced through training of additional staff in the TapRoot methodology.

### **3. Issues and Risks**

- ♣ Although there are no outstanding issues at this time, the project is entering a phase that involves building consensus across the Laboratory on the actionable items and ultimately on the corrective actions. This consensus is essential to ensure the effectiveness and sustainability of the actions. We believe that there is ample time in the schedule to reach an appropriate level of consensus, but it is important to note that these are the steps in our plan that have the most schedule risk.

### **4. Action Items and Decisions**

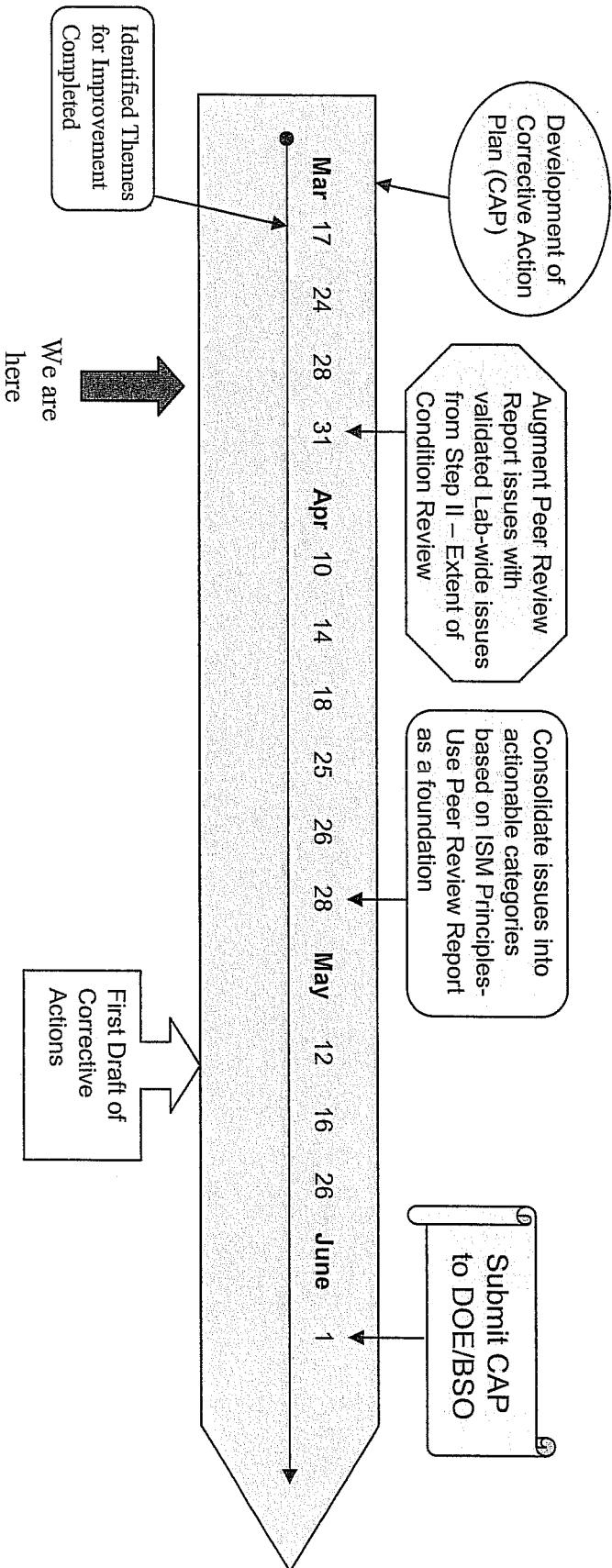
- ♣ No outstanding action items.



Environment, Health & Safety Division



# ISM Peer Review CAP Project Summary Schedule



## Peer Review CAP Status:

- Summarize and consolidated themes from backlook review and Peer Review Report – completed 3/24/06.
- Augmentation of Peer Review Report with validated Lab issues from above completed by CAP Working Group 3/28/06.
- Augmented Peer Review Report being prepared for review by the full CAP Development Team.

## Actions Related to Findings in the Report:

- In the process of hiring a new Laser Safety Officer, Electrical Safety Officer, Health Physicist, a training specialist and an information technology specialist.
- Back-filling an Industrial Hygiene vacancy
- Revising the Integrated Functional Appraisals
- Tom Dickinson, former NLS Safety Officer and member of the ISM Peer Review Committee, to examine the safety related functions at the ALS and provide suggestions on satisfying the recommendations of the Radiation Safety Committee